(*a*) the number of applicants for agricultural loans from the inhabitants of the taluks of Tovala and Agastisvaram during the years 1098, 1099 and 1100, respectively; and

(*b*) the total amounts asked for and the amounts given in each of the above three years?

MR. P. N. KRISHNA PILLAI (*Ag. Secretary to Government*): A statement* containing the information required by the Member is laid on the table.

MR. M. SIVATANU PILLAI (*Tovala*): May I know whether the Government note the great disproportion between the sum actually asked for and the sum given for the Agastisvaram taluk for the year 1098?

MR. P. N. KRISHNA PILLAI (*Ag. Secretary to Government*): That depends upon the funds available for distribution of loans.

MR. M. SIVATANU PILLAI (*Tovala*): I refer to the year 1098, because, in 1100, the remark was that no loans were given as the funds were utilised for flood relief loans.

MR. P. N. KRISHNA PILLAI (*Ag. Secretary to Government*): Yes, it was on account of want of funds that the sum given actually fell short of the amount asked for.

Particulars re Agricultural Institutes.

180. **MR. G. RAMAN MENON** (*Mavelikara* cum *Kartikapalli*): Will the Government be pleased to lay on the table a statement showing the following particulars in regard to the educational institutions conducted by the Department of Agriculture and Fisheries:—

(*a*) the name and situation of the institution;

(*b*) the nature of the work carried on in each;

(*c*) the average annual expenditure on each for the last three years for which figures are available, including cost of supervision and expert advice, expenses for pay of teachers, labour and materials and other contingencies;

(*d*) the average annual income from each for the same three years;

(*e*) the net average annual gain or loss to the Government on each for the same three years;

(*f*) the total amount of the capital invested on each; and

(*g*) the date of starting the institution?

MR. P. N. KRISHNA PILLAI (*Ag. Secretary to Government*): A statement† containing the information is laid on the table.

Implements, live-stock, etc., purchased for the Agricultural Department.

181. **MR. G. RAMAN MENON** (*Mavelikara* cum *Kartikapalli*): Will the Government be pleased to place on the table a statement containing the following particulars:—

---

* *Vide* Appendix VI—page 627.

† *Vide* Appendix VII—page 628.

LIBRARY ARCHIVES Kerala Legislative Assembly

[Mr. G. Raman Menon.]

(*a*) a brief description of all motor and steam ploughs or other agricultural appliances and live-stock purchased for the Department of Agriculture during the last 14 years up to the end of 1099 ;

(*b*) the date of purchasing each ;

(*c*) the purpose of each purchase ;

(*d*) the initial cost of each ;

(*e*) the cost of upkeep of each up to the end of 1099, including pay of keeper or driver, expenses for working, repairs, fodder, treatment, etc ;

(*f*) the money realised from each up to the end of 1099 by the work done by each or by sale or otherwise ;

(*g*) the net gain or loss to Government on each; and

(*h*) whether each of the implements, live-stock, etc., still remains with the department or has been disposed of ?

MR. P. N. KRISHNA PILLAI (*Ag. Secretary to Government*) : A statement† containing the information asked for by the Member, regarding agricultural appliances purchased for the Agricultural Department during the years 1085 to 1099, is laid on the table.

In regard to live-stock, Government regret it is not possible to prepare, from the records maintained, a statement in the form required by the Member.

Loss of Salt due to the recent floods.

182. **MR. T. KUMARA PILLAI** (*Kalkulam* cum *Vilavankod*) : Will the Government be pleased to state :

(*a*) how many maunds of salt stored in the Tamaracolam Salt Factory were damaged during the rains of Tulam 1101 ;

(*b*) who were the losers, what were the respective quantities lost, and what was the amount of *kudivaram* due upon such quantities ; and

(*c*) the amount due to the Government from that quantity ?

MR. P. N. KRISHNA PILLAI (*Ag. Secretary to Government*) :

(*a*) 2,15,364 maunds.

(*b*) The licensees of the following factories lost salt in Tulam 1101. The quantities lost are stated to be—

Avadhanial's Factory	...	43,688 maunds.
Cape Comorin General Traffic Company's Factory	...	59,260 ,,
Puttallom	...	17,818 ,,
Sri Mula Gopalanathan Allom	...	56,838 ,,
Sri Mula Krishnamani Allom	...	37,760 ,,

No *kudivaram* is due to the licensees on the above salt as the salt was not taken delivery of by the Government.

(*c*) Since the Government did not take delivery of the salt lost, no amount is due to them in respect of the same.

† *Vide* Appendix VIII—pages 629 and 630.

LIBRARY ARCHIVES Kerala Legislative Assembly

LIBRARY ARCHIVES Kerala Legislative Assembly

Appendix V.

***Vide* Answer to Question No. 177.**

Statement showing full particulars in regard to experimental or other farms and other industrial institutions maintained by the Department of Agriculture and Fisheries.

Serial No.	The name and situation of the farm or other institution.	The nature of work carried on.	Average annual expenditure on each for the last 3 years.	Average annual income from each for the same three years.	The net average gain or loss on each for the same three years.	Total capital invested on each.	The date of starting the institution.
			Rs.	Rs.	Rs.	Rs.	
1	Fruit Farm near Cape Comorin	Experimental cultivation of different kinds of fruit trees with a view to popularise fruit culture.	5,384	57	—5,327	7,399	1st Makaram 1098.
2	Paddy Farm, Tiruppatisaram, Nagercoil.	Investigation of all problems relating to paddy cultivation.	7,191	3,714	—3,477	21,943	Mithunam 1090.
3	The Demonstration Farm, Eraniel. It is situated on the Eraniel-Mandakad road.	Experimental cultivation of different varieties of paddy with a view to find out suitable early varieties for cultivation at the tail end of the irrigation channels in South Travancore.	2,632	249	—2,383	4,209	1097
4	Cattle Breeding Farm, Easantimangalam, South Travancore.	To improve local breeds by crossing indigenous cows with imported bulls and to introduce new breeds suited to local conditions.	3,484	925	—5,559	11,380	Mithunam 1095.

LIBRARY ARCHIVES Kerala Legislative Assembly

Appendix V—(*Contd.*)

Serial No.	The name and situation of the Farm or other institution.	The nature of work carried on.	Average annual expenditure on each for the last 3 years.	Average annual income from each for the same three years.	The net average gain or loss on each for the same three years.	Total capital invested on each.	The date of starting the institution.
			Rs.	Rs.	Rs.	Rs.	
5	Cattle Farm, Kodappanakunnu, Perukada, Trivandrum.	To improve local breeds by crossing indigenous cows with imported bulls and to introduce new breeds suited to local conditions.	16,839	5,558	—11,281	...	1085
6	The Silk Farm, Kodappanakunnu. Perukada, Trivandrum.	To introduce silk worm rearing as a cottage industry.	5,096	343	—4,753	...	Chingam 1086.
7	Experimental Farm, Kottarakara.	Experimental cultivation of root crops and fruit trees.	2,793	284	—2,509	...	2nd Kanni 1085.
8	Experimental Pepper Farm, Konni.	Investigations of problems relating to the cultivation of pepper.	5,421	249	—5,172	15,221	Medam 1095.
9	Demonstration Farm, Puliyara near Shencotta.	To demonstrate to the people of the locality the advantages of using scientific methods in the cultivation of crops like cholam, cotton, rice fruit trees etc..	2,498	609	—1,889	6,239	17th Kumbham 1091.
10	Cocoanut Farm, Oachira.	Experimental cultivation of cocoanut.	518	241	—277	...	1086

LIBRARY ARCHIVES Kerala Legislative Assembly

Appendix V—(*Contd.*)

Serial No.	The name and situation of the Farm or other institution.	The nature of work carried on.	Average annual expenditure on each for the last 3 years.	Average annual income from each for the same three years.	The net average gain or loss on each for the same three years.	Total Capital invested on each.	The date of starting the institutions.
			Rs.	Rs.	Rs.	Rs.	
11	Cocoanut Farm, Avilukunnu, Alleppey	The study of different varieties of cocoanuts.	1,060	115	—945	824	1085.
12	Demonstration Farm, Vaikam.	To demonstrate to the people of the locality the advantages of applying scientific manure to the cocoanut trees.	615	299	—316	1,845	7th Kanni 1098.
13	Agricultural School and Farm, Alwaye.	To conduct manurial, spacing rotation and other experiments with the chief crops of the district such as bananas, sugarcane, tapioca, paddy etc. and also for the cultivation of exotic crops like combodia cotton, cholam, and new varieties of sugarcane. Instruction is given in theoretical and practical agriculture in the school.	7,963	542	—7,421	3,608	1094.
14	The Prawn Breeding Farm, Ayiramtengu, Karunagapalli.	Scientific breeding of prawns .	430	440	+10	..	Kumbham 1095.
15	The Experimental Fishery Station, Neendakara.	To conduct experiments on the breeding, catching and curing of fish.	577	...	—577	1,000	1st Karkatakam 1097

LIBRARY ARCHIVES Kerala Legislative Assembly

Appendix V—(*Concld.*)

Serial No.	The name and situation of the Farm or other institution.	The nature of work carried on.	Average annual expenditure on each for the last 3 years.	Average annual income from each for the same three years.	The net average gain or loss on each for the same three years.	Total capital invested on each	The date of starting the institution.
			Rs.	Rs.	Rs.	Rs.	
16	The Fish Curing Yard, Neendakara, Quilon.	To conduct experiments on the various methods of curing fish. Private curers also conduct curing operations within the yard following the methods recommended by the department. The salt required for the purpose is being issued to the curers at concession rates.	630	...	—630	600	1st Kanni 1098
17	Fish Curing Yard, Tumboli, Alleppey.	Do.	284	299	+15	..	1094.
18	Do. Pallittodu, Shertallai.	Curing Fish on scientific methods.	..	..	..	..	1096.
19	Do. Puthen tope, Kaniyapuram, Trivandrum	Methods by private curers.	..	..	..	..	1098.
20	Do. Punturai, Trivandrum.	Do.					1097.
21	Do. Vizhinjam, Neyyattinkara.	Do.					1098
22	Do. Poovar, Neyyattinkara.	Do.					1098.
23	Do. Muttam, Colachal	Do.					1093
24	Do. Cape Comorin.	Do.	11,785	10,946	—839	5,299	1100.

LIBRARY ARCHIVES Kerala Legislative Assembly

Appendix VI.

***Vide* Answer to Question No. 179.**

Statement showing the number of applications for agricultural loans in the Tovala and Agastisvaram taluks during the years 1098-1099 and 1100 and the amounts granted.

Taluk.	Year.	No. of applications received.	Amount of loan asked for.	Amount of loan given.	Remarks
			Rs.	Rs.	
Tovala ...	1098	27	13,050	8,550	
Do. ...	1099	6	2,300	1,050	
Do. ...	1100	1	5,000	...	No amount was given in 1100 as the funds were utilised for granting flood relief loans.
Agastisvaram ...	1098	14	12,825	2,035	
Do. ...	1099	5	4,150	2,300	
Do. ...	1100	2	650	...	

LIBRARY ARCHIVES Kerala Legislative Assembly

Appendix VII.

***Vide* Answer to Question No. 180.**

Statement showing particulars in regard to the Educatonal institutions conducted by the Department of Agriculture and Fisheries.

Serial No.	Name and situation of the institution.	Nature of work carried on in each.	Average annual expenditure for the last three years.	Average annual income for the last three years.	Net average gain or loss to Government for the last three years.	Total capital invested.	Date of starting.	Remarks.
			Rs.	Rs.	Rs.	Rs.		
1	The Rug and Carpet Weaving School. This is attached to the Silk Farm, Trivandrum, and is situated at Kodappanakunnu, Perukada, Trivandrum. ...	Training students in the manufacture of rugs, blankets and carpets.	1,124	537	— 587	840	Edavam 1098.	
2	Sri Mulam Sbastiabdapurti Memorial Agricultural Middle School, Alwaye.	To impart instruction in the science and practice of agriculture. ...	7,963	542	—7,421	5,784	1st Edavam 1097.	This includes also the expenditure on the Agricultural Farm attached to the school.
3	Special School for Valans, Panavalli, Vaikam. ...	To impart combined professional and general education to fisher lads.	837		—837	663	16th Edavam 1093.	
4	Fishery Continuation School, Arur, Arukutti Shertallai. ...	Do.	536		—536	242	1st Tulam 1098.	
5	Fishery Continuation School, Kotavara, Vaikam. ...	Do.	259		—259	100	1st Makaram 1100.	

LIBRARY ARCHIVES Kerala Legislative Assembly

Appendix VIII

***Vide* Answer to Question No. 181.**

Statement showing particulars of motor and steam ploughs and other agricultural appliances purchased for the Department of Agriculture during the last 14 years.

Serial No.	Description of Agricultural appliances.	Date of purchase.	Purpose of each purchase.	Initial cost of each.	Cost of up-keep of each to the end of 1099	Money realised from each up to the end of 1099.		The net gain or loss to Government on each.	Whether each of the implements still remains with the department or has been disposed of.
						By work done by each.	By sale or otherwise.		
				Rs.	Rs.	Rs.	Rs.		
1	Bullock gear and chain pump...	11/85	For demonstration and for farm use.	548	...	...	21	It is not possible to calculate the net loss or gain because these articles which had been auctioned were used for a long time and disposed of only when they were found unserviceable and others which still remain are being used even now. To calculate the loss or gain the value of the work done with the machines and appliances on various farms and for demonstration must also be taken into consideration. This is impossible.	Bullock gear auctioned. Chain pump remains.
2	Centrifugal machine and oil cake crusher. ...	11/85	Do.	1,027	...	...	...		Centrifugal machine transferred to the Industries Dept. Oil cake crusher remains.
3	Hand-power Thrashing machine	12/85	Do.	399	...	...	15		Auctioned.
4	Three roller vertical sugar cane mill. ...	10/86	Do.	168	...	...	...		Remains.
5	American screw water lifts (2).	12/86	Do.	88	...	...	15		Auctioned.
6	Chain pump ..	12/88	Do.	57	...	...	5		do.
7	Plunger pump ...	12/88	Do.	66	...	...	...		Remains.
8	Chain pump ...	12/88	Do.	60	...	..	...		do.
9	Plunger pump ...	12/88	Do.	66	...	...	5		Auctioned.
10	8 H. P. 4 A Gardner Oil Engine and Centrifugal pump ...	12/88	Do.	1,758	3,851	397	...		Remains.
11	Fordson Tractor ...	8/96	Do.	6,297	4,905	277	...		do.
12	Spraying machine (1) ...	...	Do.	32	...	...	...		do.
13	Do. (6) ...	1098	Do.	159	...	...	...		do.
14	Lever cutter, 2 pairs of dorna and 2 pairs of dondia ...	2/85	Do.	37	.	...	...		Auctioned.
15	Sub-soil plough ...	4/85	Do.	7	...	...			Remains.
16	Six shovel cultivator ...	4/85	Do.	13	...	...	...		do.
17	Chaff cutter ...	8/85	Do.	10	...	...	..		do.
18	Seed drill ...	6/88	Do.	3	...	...	...		Auctioned.
19	Bullock cultivator ...	2/91	Do.	14	...	...	...		Remains.
20	Hand cultivator ...	2/91	Do.	210	...	...	...		do.

LIBRARY ARCHIVES Kerala Legislative Assembly

Appendix VIII—(*Contd.*)

Serial No.	Description of Agricultural appliances	Date of purchase.	Purpose of each purchase.	Initial cost of each.	Cost of upkeep of each to the end of 1099	Money realised from each to the end of 1099.		The net gain or loss to Government on each.	Whether each of the implements still remains with the department or has been disposed of.
						By work done by each.	By sale or otherwise.		
21	Ransome one way plough with ridging parts	9/91	For demonstration and for farm use.	Rs. 69	Rs. ..	Rs. ..	Rs. ..	...	Remains.
22	Pipe ploughs (3)	4/95	do.	36	..	..	..	...	Auctioned.
23	Ryots ploughs	4/95	do.	5	..	..	..	...	do.
24	Climax ploughs (2)	4/95	do.	18	..	..	..	...	Remains.
25	Mangalore plough	9/95	do.	4	..	..	..	...	do.
26	Scindia plough	10/95	do.	17	..	..	...	...	do.
27	Climax ploughs (10)	9/96	do.	118	35	..	...	...	do.
28	Do. (2)	10/97	do.	24	..	..		...	do.
29	Seed drill	12/97	do.	10	..	..	...	...	do.
30	Dona	12/97	do.	10	..	..	...	...	do.
31	Dundia	12/97	do.	5	..	..	...	..	do.
32	Pipe ploughs (2)	2/87	do.	24	..	..	...	...	do.
33	Climax ploughs (3)	3/87	do.	27	..	..	...	...	do.
34	Pipe plough	4/87	do.	12	..	..	...	...	do.
35	Tinnevelly plough	4/87	do.	5	..	..	...	...	do.
36	Pipe plough	6/89	do.	8	..	..	...	...	do.
37	Pallikkal iron plough	8/1921	do.	7	..	..	...	...	do.
38	Pekram sprayer	2/98	do.	21	..	..	...	...	do.
39	Budding knife	4/99	do.	4	..	..	...	...	do.
40	Meston plough	6/97	do.	11	..	..	...	...	do.
41	Crowbar	7/97	do.	10	..	..	...	...	do.
42	Three roller sugarcane mill	5/94	do.	93	..	..	...	...	do.
43	Ramachandra water-lift	12/95	do.	250	..	..	...	...	do
44	Meston ploughs (4)	12/92	do.	19	..	..	...	...	do.
45	Do.	3/93	do.	4	..	..	...	...	do.